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7590

02/05/2007

Patrick G. Burns, Esq.  
 GREER, BURNS & CRAIN, LTD.

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 300 South Wacker Dr.  
 Chicago, IL 60606

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Josh C. Snider	(Depositor's name)
<i>Josh C. Snider</i>	(Signature)
May 7, 2007	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/047,216

01/14/2002

Arihiro Takeda

1117.66107

577i

TITLE OF INVENTION: LIQUID CRYSTAL DEVICE COMPRISING AN ORIENTATION CONTROL ELEMENT GIVING AN ORIENTATION REGULATING FORCE TO COUNTERACT AN ORIENTATION REGULATING FORCE GIVEN BY AN EDGE OF PIXEL ELECTRODE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	05/07/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
DUONG, THOI V	2871	349-123000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Sharp Kabushiki Kaisha

Osaka, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

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☒ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies

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☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 07-2069 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date

Typed or printed name

Josh C. Snider

Registration No.

47,954

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Application of: )

Applicant: Takeda et al. )

Serial No.: 10/047,216 )

Conf. 8771 )

Filed: January 14, 2002 )

For: LIQUID CRYSTAL DISPLAY )  
 DEVICE COMPRISING AN )  
 ORIENTATION CONTROL )  
 ELEMENT GIVING AN )  
 ORIENTATION REGULATING )  
 FORCE TO COUNTERACT )  
 AN ORIENTATION )  
 REGULATING FORCE GIVEN )  
 BY AN EDGE OF PIXEL )  
 ELECTRODE )

Art Unit: 2871 )

Examiner: Duong, Thoi V. )

*I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

May 7, 2007

Date

Attorney for Applicant(s)

Registration No. 47,954

ISSUE FEE TRANSMITTAL

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 PO Box 1450  
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Dear Sir:

Enclosed herewith please find:

(X) Form PTOL-85B (in duplicate), with check for \$1,700.00 (Issue Fee and Publication Fee).

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(X) The Commissioner is authorized by the undersigned to charge any additional fees which may be required to this application under 37 C.F.R. 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 07-2069. A duplicate copy of this page is enclosed herewith.

Customer No. 24978  
 May 7, 2007  
 300 South Wacker Drive, Suite 2500  
 Chicago, Illinois 60606  
 Telephone: (312) 360-0080  
 Facsimile: (312) 360-9315  
 P:\DOCS\111766107\BC8041.DOC

Respectfully submitted,  
 GREER, BURNS & CRAIN, LTD.

By

Josh C. Snider, Reg. No. 47,954